

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2014 Levee Inspection Results****Reclamation District No. 2103 Wheatland Vicinity**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Reclamation District No. 2103 Wheatland Vicinity

Waterway			Bank	Unit Miles
Unit No. 01 South Dry Creek			Left	4.77
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/24/2014 - 04/24/2014			
DWR Inspector	Matthew Hoffman			
Accompanied By	Tom Engler			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.77	04/24/2014 04/24/2014	Matthew Hoffman

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_RD2103_01_s _ 2012_2				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_RD2103_01_s _ 2013_5				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD2103_01_s _ 2013_6				
Action/Comments					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.77	04/24/2014 04/24/2014	Matthew Hoffman

LM Start	0.01	Rating **	M	Issue No.	11
LM End	0.48	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.019849 °	39.021775 °
				-121.453871 °	-121.445642 °
DWR ID	DWR_RD2103_01_f_2013_11				
Action/Comments					
Fence					

No Photos

LM Start	0.20	Rating **	M	Issue No.	13
LM End	0.20	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.020891 °	39.020891 °
				-121.450621 °	-121.450621 °
DWR ID	DWR_RD2103_01_s_2014_13				
Action/Comments					
Debris					

Photo 1 of 1 : mhoffman_s_20140428_484.jpg



This photo was taken from the levee crown facing east looking down the southern levee slope at a debris pile. Spring 2014.

LM Start	0.39	Rating **	M	Issue No.	12
LM End	0.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.021448 °	39.021448 °
				-121.447252 °	-121.447252 °
DWR ID	DWR_RD2103_01_f_2013_12				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Berry bushes have been sprayed but need to be removed.					

No Photos

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.77	04/24/2014 04/24/2014	Matthew Hoffman

LM Start	0.73	Rating **	M	Issue No.	4
LM End	0.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.022892 °	39.024105 °
				-121.444529 °	-121.442552 °
DWR ID	DWR_RD2103_01_s _ 2013_4				
Action/Comments					
Prunings					
Inspector Comments: Two pruning piles approx. 200ft apart on L/S slope.					

Photo 1 of 1 : mhoffman_s_20140401_284.jpg



L/S slope pruning pile.

LM Start	0.80	Rating **	M	Issue No.	10
LM End	0.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.024511 °	39.024511 °
				-121.441493 °	-121.441493 °
DWR ID	DWR_RD2103_01_f_2013_10				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.06	Rating **	A/W	Issue No.	9
LM End	1.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.026009 °	39.028119 °
				-121.437021 °	-121.432598 °
DWR ID	DWR_RD2103_01_f _ 2013_9				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.77	04/24/2014 04/24/2014	Matthew Hoffman

LM Start	2.75	Rating **	M	Issue No.	1
LM End	2.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.032502 °	39.032502 °
				-121.409080 °	-121.409080 °
DWR ID	DWR_RD2103_01_f_2013_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	3.47	Rating **	M	Issue No.	7
LM End	3.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.031831 °	39.031831 °
				-121.401406 °	-121.401406 °
DWR ID	DWR_RD2103_01_f_2013_7				
Action/Comments					
Prunings					

No Photos

LM Start	4.52	Rating **	M	Issue No.	8
LM End	4.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.041051 °	39.041810 °
				-121.394931 °	-121.393951 °
DWR ID	DWR_RD2103_01_f_2013_8				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : mhoffman_s_20140401_285.jpg



This photo was taken from the crown of the levee facing west looking at the vegetation on the waterward slope of the levee.

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Reclamation District No. 2103 Wheatland Vicinity

Waterway			Bank	Unit Miles
Unit No. 02 Bear River			Right	5.00
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/24/2014 - 04/24/2014			
DWR Inspector	Matthew Hoffman			
Accompanied By	Tom Engler RD 2103			

Summer & Winter Inspections

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	5.00	04/24/2014 04/24/2014	Matthew Hoffman

LM Start	0.30	Rating **	A/W	Issue No.	4
LM End	0.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			38.994660 °	38.995537 °
				-121.432170 °	-121.428535 °
DWR ID	DWR_RD2103_02_s_2012_4				
Action/Comments					
Inspector Comments: The District has a concern with dead trees placed in the rip rap that may not stay in place during a high water event.					

Photo 1 of 2 : mhoffman_s_20140401_287.jpg



Trees at waters edge in the rip rap levee mile 0.30.

LM Start	0.30	Rating **	A/W	Issue No.	4 (cont)
LM End	0.51	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : mhoffman_s_20140401_288.jpg



View of revetment with dead trees, Spring 2013.

LM Start	0.32	Rating **	A/W	Issue No.	3
LM End	0.49	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.994756 °	38.995450 °
				-121.431809 °	-121.428893 °
DWR ID	DWR_RD2103_02_f_2013_3				
Action/Comments					
Environmental Requirements.					

No Photos

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	5.00	04/24/2014 04/24/2014	Matthew Hoffman

LM Start	0.76	Rating **	U	Issue No.	1
LM End	0.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.996588 °	38.996588 °
				-121.424209 °	-121.424209 °
DWR ID	DWR_RD2103_02_f_2013_1				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Large squirrel hole in the landward slope of the levee.					

Photo 1 of 1 : mhoffman_s_20140401_286.jpg



This photo was taken from the levee crown facing east looking down the landward levee slope at a large squirrel hole.

LM Start	2.59	Rating **	M	Issue No.	6
LM End	2.59	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.008356 °	39.008356 °
				-121.397283 °	-121.397283 °
DWR ID	DWR_RD2103_02_f_2013_6				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	2.64	Rating **	M	Issue No.	7
LM End	2.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.009077 °	39.009077 °
				-121.397318 °	-121.397318 °
DWR ID	DWR_RD2103_02_s_2013_7				
Action/Comments					
Trim trees to at least five feet above ground level. Inspector Comments: Large elderberry bush on L/S slope.					

Photo 1 of 1 : mhoffman_s_20140428_485.jpg



This photo was taken from the crown facing east looking down the landward levee slope at an Elderberry bush requiring trimming to maintain slope visibility. Spring 2014.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	5.00	04/24/2014 04/24/2014	Matthew Hoffman

LM Start	4.97	Rating **	M	Issue No.	8
LM End	4.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.031426 °	39.031426 °
				-121.367073 °	-121.367073 °
DWR ID	DWR_RD2103_02_f_2013_8				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

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